

Liverpool John Moores University

Title: Research Methods in Risk and Safety Management
Status: Definitive
Code: **7571RTC** (120404)
Version Start Date: 01-08-2019

Owning School/Faculty: Maritime and Mechanical Engineering
Teaching School/Faculty: Risktec Solutions

Team	Leader
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Academic Level: FHEQ7 **Credit Value:** 10 **Total Delivered Hours:** 16.5
Total Learning Hours: 100 **Private Study:** 83.5

Delivery Options

Course typically offered: Semester 1

Component	Contact Hours
Lecture	8
Online	.5
Tutorial	8

Grading Basis: 40 %

Assessment Details

Category	Short Description	Description	Weighting (%)	Exam Duration
Essay	AS1	An essay question comprising several component parts, based around a case study, up to 4,000 words long.	95	
Test	AS2	Individual and group activities e. g. quiz, forum.	5	

Aims

To provide the theoretical background for conducting postgraduate project work

Learning Outcomes

After completing the module the student should be able to:

- 1 Communicate findings, in an accepted format.
- 2 Assess previous research completed in an area.
- 3 Critically appraise research data and assimilate, integrate and discuss in a logical way.
- 4 Demonstrate compliance with appropriate ethical standards related to any research undertaken.
- 5 Produce an appropriate project description and specification.

Learning Outcomes of Assessments

The assessment item list is assessed via the learning outcomes listed:

4000 word essay	1	2	3	4	5
Individual and group work	2	3			

Outline Syllabus

Study skills review

Introduction 'Why do research?'

Defining the research problem

Literature search and review techniques

Research methodologies including statistical techniques, questionnaires and interviewing

Project analysis and design

Ethics in research

Project planning

Time management. Gantt charts

Presentation skills

Learning Activities

A combination of lectures, exercises and supported self study.

Notes

To provide the theoretical background for conducting postgraduate project work. This module provides a valuable opportunity for graduates to acquire necessary skills and training to conduct research at post graduate level. This includes giving the student the opportunity to develop ideas for a project/dissertation in risk and safety management and engage with potential supervisors.

Assessment is in the form of an essay combined with activities (e.g. exercises, discussions, etc.). The delivery modes for the module elements are explained below.

Lecture (using slides and notes): will be delivered by classroom based teacher (face to face) or online self-study (distance learning) or mixture of the two (blended learning).

Tutorial/Activities (exercises and reviews): will be delivered by classroom based teacher (face to face) or online activities with teacher feedback/virtual classroom (distance learning) or mixture of the two (blended learning).

Tutor supported online: will be delivered by email support prior to assessment submission (face to face) or tutor feedback activities, virtual classrooms and email support (distance learning) or mixture of the two (blended learning).